

# MATERIAL SAFETY DATA SHEET from STEARNS PACKAGING CORPORATION

## SECTION I—PRODUCT/MANUFACTURER'S IDENTITY

IDENTITY (As Used On Label and List):

**Bulk Tank Cleaner**

**SYNONYMS:** ST-12, ST-17  
Manosol Bulk Tank Cleaner

**FORMULA ID NUMBER:** UP-10

**EPA REG #:** None

**USDA ACCEPTANCE DATE/CATEGORY CODE:** None

**COMPANY:** STEARNS PACKAGING CORPORATION  
**ADDRESS:** 4200 Sycamore Ave. (53714), P.O. Box 3216  
Madison, Wisconsin (WI) 53704-0216

**PHONE:** 1 (608) 246-5150  
**FAX:** 1 (608) 246-5149  
**INTERNET:** www.stearnspkg.com  
**EMAIL:** stearns@stearnspkg.com

HAZARD RATING		
0	Flammability	4 = Extreme
2	Health	3 = High
0	Reactivity	2 = Moderate
None	Special Hazard	1 = Slight
		0 = Insignificant

**For Transportation Emergency Involving Hazardous Materials Contact: CHEM-TEL 1 (800) 255-3924**

**Shipping Information:**

**DOT SHIPPING NAME:** Compound, cleaning, NOI, powder. Item 48581, Class 55  
**DOT SHIPPING NUMBER:** None  
**HAZARD LABEL:** None  
**HAZARD CLASS:** None

## SECTION II—HAZARDOUS INGREDIENTS OR IDENTITY INFORMATION

### HAZARDOUS CHEMICAL IDENTITY &

<u>CAS#</u>	<u>HAZARD</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>% (OPTIONAL)</u>
▶ Sodium carbonate 497-19-8	Irritant				
▶ Trisodium phosphate 7601-54-9	Irritant				
▶ Tetrasodium pyrophosphate 7722-88-5	Irritant	5 mg/m <sup>3</sup> (8 hr. TWA)	5 mg/m <sup>3</sup> (8 hr. TWA)		
▶ Sodium tripolyphosphate 7758-29-4	Irritant				

SARA SECTION 313 TITLE III NOTIFICATION REQUIRED: No; CHEMICAL IN PRODUCT: None; CAS#: N/A; WEIGHT % OF CHEM: N/A

## SECTION III—PHYSICAL/CHEMICAL CHARACTERISTICS

<b>BOILING POINT:</b>	N/A	<b>VAPOR PRESSURE (mm Hg):</b>	Not Applicable
<b>SPECIFIC GRAVITY (WATER=1):</b>	Not Determined	<b>VAPOR DENSITY (AIR=1):</b>	Not Applicable
<b>MELTING POINT:</b>	Not Applicable	<b>EVAPORATION RATE:</b>	Not Applicable
<b>SOLUBILITY IN WATER:</b>	Complete	<b>pH (CONCENTRATE):</b>	Not Determined
<b>APPEARANCE AND ODOR:</b>	White granules and crystals no odor	<b>pH (1% SOLUTION):</b>	10.9

## SECTION IV—FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (METHOD USED):</b>	Non-combustible, >200°F
<b>EXTINGUISHING MEDIA:</b>	Not Applicable
<b>FLAMMABLE LIMITS:</b>	LEL: Not Applicable      UEL: Not Applicable
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Use full protective clothing and self-contained breathing apparatus.
<b>FIRE &amp; EXPLOSION HAZARDS:</b>	None

## SECTION V—REACTIVITY DATA

<b>STABILITY:</b>	Stable
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>	None known
<b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b>	None known
<b>CONDITIONS TO AVOID:</b>	Freezing and extremes of heat
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur

## SECTION VI—HEALTH HAZARD DATA/FIRST AID PROCEDURES

**HEALTH HAZARDS (ACUTE AND CHRONIC):** Mildly alkaline, may cause burning to eyes and respiratory passages. Possible irritant to skin over prolonged periods of exposure.

**CARCINOGENICITY:** NTP: No  
IARC Monographs: No  
OSHA Regulated: No

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Irritation of exposed tissues, especially eyes, skin, throat, nasal cavities and other mucous membranes.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** No data available

### EMERGENCY AND FIRST AID PROCEDURES:

**Eyes:** If contact with eyes occurs, flush with plenty of cool water for 15 minutes. Consult a physician.

**Skin:** May be irritating to skin. If contact occurs, flush with water and wear gloves in the future to minimize exposure. Wash hands thoroughly after handling. Discontinue use if irritation persists and consult a physician.

**Inhalation:** Remove from exposure. Obtain medical attention immediately.

**Ingestion:** May be harmful if swallowed. If ingested, drink large amounts of water or milk. **DO NOT** induce vomiting. Get medical attention immediately. Avoid contamination of foods.

**Note to Physician:** Strongly alkaline. May remove sebaceous oils, leaving skin unprotected and may cause chemical burns. Accessible exposed tissue should be flushed thoroughly with water, and any corneal burns warrant consultation of an ophthalmologist. Ingestion may result in nausea, vomiting, and burns, especially of the esophagus. Attempts to neutralize ingested material with acids may cause excess heat and gas production which can increase the risk of perforation. Dilution may do likewise. Burns of the esophagus and/or stomach mucosa may assure perforation and/or stricture formation may occur without oropharyngeal burns. Accordingly, most authorities recommend limited esophagoscopy sufficient to determine if deep and/or circumferential burns are present, because they are most likely to result in esophageal stenosis. Prevention of the latter is controversial, though most authorities favor early corticosteroid and/or prophylactic dilation therapy.

## SECTION VII—PRECAUTIONS FOR SAFE HANDLING AND USE

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Sweep up for salvage or disposal. Take care to avoid contact with large amounts of dust.

**WASTE DISPOSAL METHOD:** Waste disposal must be done in accordance with all local, city or municipality, county, state, and federal regulations. Consult your state department of natural resources or the EPA for specific questions not answerable through other sources. Wastewater should never enter a fresh water body without treatment.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Wear all recommended safety gear. Do not mix with other chemicals or cleaning agents. Avoid contact with dust.

**OTHER PRECAUTIONS:** Always keep product out of the reach of children.

## SECTION VIII—OTHER REGULATORY INFORMATION

California Safe Drinking Water and Toxic Enforcement Act of 1986:

Ethylene oxide 75-21-8

Massachusetts Right-to-Know laws:

Tetrasodium pyrophosphate 7722-88-5

Pennsylvania Right-to-Know laws:

Tetrasodium pyrophosphate 7722-88-5

## SECTION IX—CONTROL MEASURES

**RESPIRATORY PROTECTION:** In general, respirators are not needed if the product is used in a well-ventilated area. However, use of a NIOSH/MSHA respirator may be a good common sense approach to working with products where dusts and mists are known to cause irritation of the eyes and/or mucous membranes.

**VENTILATION: Local Exhaust:** Recommended for control of dusts.

**Mechanical (General):** Recommended for control of dusts.

**SKIN PROTECTION:** Neoprene, rubber, or other chemical resistant gloves. Wear protective clothing to prevent repeated or prolonged contact. Chemical resistant safety suit if desired.

**EYE PROTECTION:** Splash goggles, or safety glasses if splashing is not a concern.

**WORK/HYGIENIC PRACTICES:** As good hygiene dictates.

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